

Fig.1
Typical SEM-image of the Diffraction Grating.
The period non-uniformity can be seen.

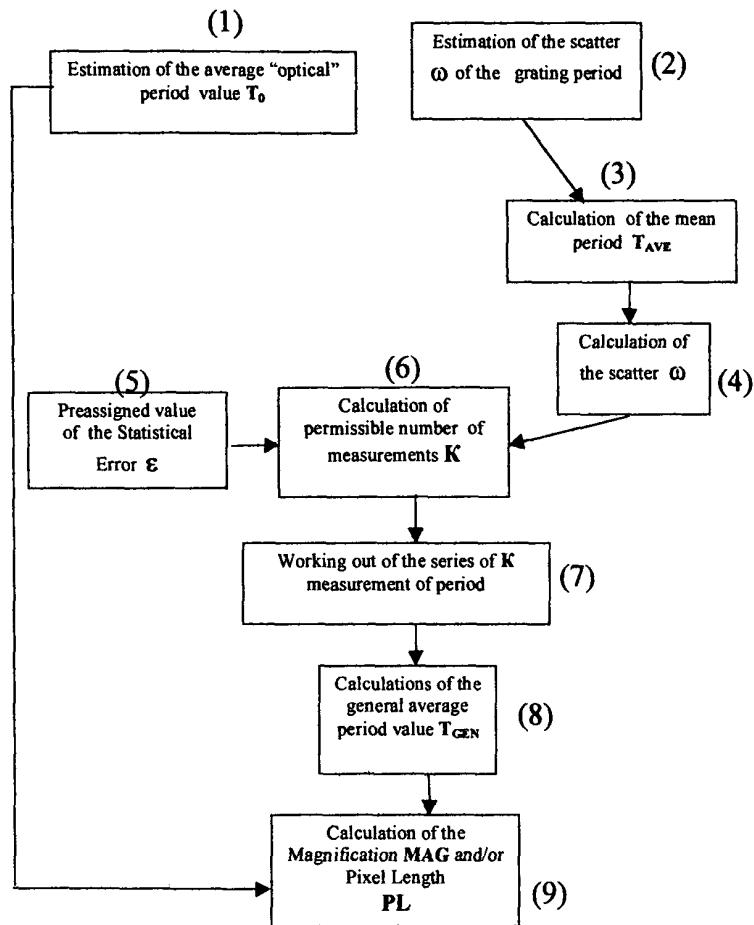


Figure 2.
Flow chart of the sequence of operations of the calibration of magnification

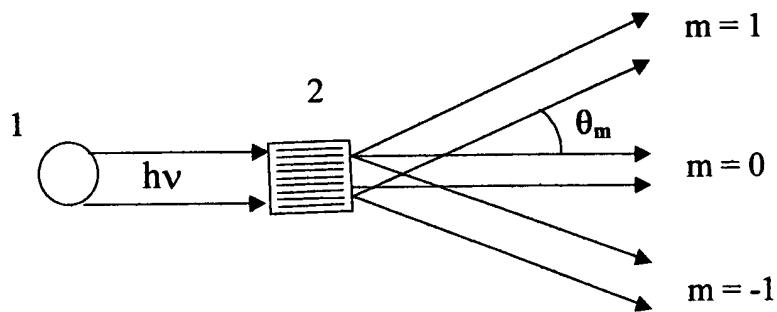


Figure 3.

View showing an experiment for determination of an average optical period of the diffraction grating with the use of the goniometer

1 is a source of electromagnetic coherent radiation $h\nu$;

2 is diffraction grating; m is the diffraction order; θ_m is an angle of diffraction for radiation measured which is diffracted in the m order.